

PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q89972

Ichiro GONDA, et al.

Appln. No.: Based on PCT/JP2004/016316

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: February 15, 2006

Examiner: Unknown

For: DYE-SENSITIZED SOLAR CELL

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/016316 dated January 25, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office. Additionally, Japanese Laid-Open Patent Publication No. 1-220380 corresponds to U.S. Patent Nos. 4,927,721 and 5,084,365; and Japanese Laid-Open Patent Publication No. 2001-345469 corresponds to U.S. Patent Publication No. 2002/0139415 and U.S. Patent No. 6,706,961.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

1AP9 HSC-0 PCRYPTO 15 FEB 2008

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Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

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First Named Inventor

Ichiro GONDA

Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

Q89972

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,927,721		05-22-1990	Michael Gratzel, et al.
		US 5,084,365		01-28-1992	Michael Gratzel, et al.
		US 2002/0139415	A1	10-03-2002	Koichi Shimizu, et al.
		US 6,706,961	B2	03-16-2004	Koichi Shimizu, et al.
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	1-220380	A	09-04-1989	SULZER AG	Abstract
		JP	2001-345469	A	12-14-2001	Canon Kabushiki Kaisha	Abstract
		JP	2001-357897	A	12-26-2001	FUJI XEROX CO LTD	Abstract
		JP	2002-008740	A	01-11-2002	YAMAHA CORP	Abstract
		JP	2002-313443	A	10-25-2002	AISIN SEIKI CO LTD; TOYOTA CENTRAL RES & DEV LAB INC	Abstract
		JP	2001-283941	A	10-12-2001	Hitachi Maxell, Ltd.	Abstract
		JP	2000-243465	A	09-08-2000	Aisin Seiki Co., Ltd.	Abstract
		JP	2002-367686	A	12-20-2002	Aisin Seiki Co., Ltd.	Abstract
		JP	2002-170602	A	06-14-2002	Hitachi Maxell, Ltd.	Abstract
		JP	2001-345125	A	12-14-2001	Hitachi Maxell, Ltd.	Abstract
		JP	2002-94096	A	03-29-2002	Canon Inc.	Abstract
		JP	2004-319383	A	11-11-2004	Sharp Corp.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Brian O'Regan, et al., "A low-cost, high efficiency solar cell based on dye-sensitized colloidal TiO <sub>2</sub> films", Nature Vol. 353, pp. October 24, 1991	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.